



ENFIS UNO AIR-COOLED LIGHT ENGINE

Smart, compact, efficient, high-power LED spot source - total solution

Features & Benefits

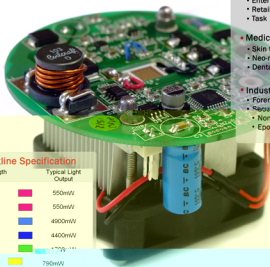
- **Plug & Play**
 - Just plug in and go straight from the box!
 - Ideal for product development and volume
 - Reduces integration time and risk
- **USB connection for monitoring input, output and temperature**
- **Neutral White**
- **Single colours 365nm - 870nm**
- **Ultra high density Array up to 100 chips within 0.5cm² aperture**
- **Smart thermal protection system**
- **Optional life-long 100% Lumen maintenance**
- **18-36W**
- **Long life, low maintenance**
- **System 3-year warranty**

Applications & Markets

- **Lighting**
 - Entertainment
 - Retail
 - Task
- **Medical**
 - Skin treatment
 - Neo-natal
 - Dental applications
- **Industrial**
 - Forensics
 - Security and surveillance
 - Non-Destructive Testing
 - Epoxy/adhesive curing

Outline Specification

Wavelength		Typical Light Output
365nm		550mW
375nm		550mW
405nm		4900mW
465nm		4400mW
520nm		4700mW
595nm		790mW
630nm		2180mW
870nm		1810mW
4100° K		1000 lumens



ENFIS LIMITED
TECHNIUM 2, KING'S ROAD
SWANSEA WATERFRONT
SWANSEA SA1 8PU UK

TEL +44 (0)1792 485660
FAX +44 (0)1792 485637
WWW.ENFIS.COM

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UNO Air-Cooled Light Engine Rev. 3 May 08



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Technical Specification

Dimensions			
Output power			
Peak Wavelength	Type	Light Output (lm)	Total Electrical Power
365nm	UV	350	18
375nm	UV	350	18
405nm	Violet	4000	36
460nm	Blue	4680	36
520nm	Green	1700	36
590nm	Amber	790	18
630nm	Red	2250	18
650nm	IR	1810	18
5000°K-7000°K	-	1000	36
Technical Specification			
Operating Temperature: -10°C ~ 45°C			
Storage Temperature: -20°C ~ +85°C			
Max. ambient air flow: 1000 L/min			
Input			
Input Voltage			
Blue / Green / Violet / UVA / White	12V	<5A DC	
Red / Amber	5V	<5A DC	
IR	5V	<5A DC	

Light			